

Claims

1. An electrical machine, including a brush holder (5) for holding brushes (6), wherein the brush holder (5) is disposed in a housing (2), and wherein the housing (2) and/or a housing cap (3) has an elastic region (4; 11) which enables positioning of the brush holder (5) relative to a commutator (7) from outside the housing.
2. The electrical machine according to claim 1, characterized in that the elastic region (4; 11) is embodied in a housing cap (3).
3. The electrical machine according to one of the foregoing claims, characterized in that the elastic region (4) is an elastomer element secured in the housing (2) or in the housing cap (3).
4. The electrical machine according to claim 3, characterized in that the elastomer element is an elastomer diaphragm.
5. The electrical machine according to claim 1 or 2, characterized in that the elastic region (11) is formed integrally with the housing (2) and/or with the housing cap (3).
6. The electrical machine according to claim 5, characterized in that the elastic region (11) is formed by a wavelike structure.
7. The electrical machine according to claim 5 or 6, characterized in that the elastic region is embodied annularly and surrounds a positioning portion (12).
8. The electrical machine according to one of the foregoing claims, characterized in that the electrical machine is embodied as watertight.

9. The electrical machine according to one of the foregoing claims, characterized in that the electrical machine is used in a vehicle, in particular as a drive for electrically actuated accessories, in particular as a drive for windshield wipers.

10. An installation method for installing a brush holder (5) of an electrical machine (1), including the following steps:

- installing the brush holder (5) in a housing (2);
- installing further components of the electrical machine in the housing (2);
- closing the housing (2) with a housing cap (3); and
- final positioning of the brush holder (5) relative to a commutator (7) from outside the electrical machine (1), via an elastic region (4; 11) formed in the housing (2) or in the housing cap (3).